

United States Department of Agriculture
Animal and Plant Health Inspection Service
Plant Protection & Quarantine
4700 River Road
Riverdale, MD 20737

Permit to Move Live Plant Pests, Noxious Weeds, and Soil
Interstate Movement
Regulated by 7 CFR 330

This permit was generated electronically via the ePermits system

PERMITTEE NAME:	Prof. Adriana Briscoe	PERMIT NUMBER:	P526P-18-04195
ORGANIZATION:	University of California Irvine	APPLICATION NUMBER:	P526-181016-007
ADDRESS:	Department of Ecology and Evolutionary Biology 321 Steinhaus Hall Irvine, CA 92697	FACILITY NUMBER:	960
MAILING ADDRESS:	Department of Ecology and Evolutionary Biology 321 Steinhaus Hall Irvine, CA 92697	HAND CARRY:	No
PHONE:	949-824-1118	DATE ISSUED:	11/21/2018
FAX:	949-824-2181	EXPIRES:	11/21/2021
DESTINATION:	Department of Ecology and Evolutionary Biology, 321 Steinhaus Hall, Irvine, CA 92697		
RELEASE:	No		

Under the conditions specified, this permit authorizes the following:

<u>Regulated Article</u>	<u>Life Stage(s)</u>	<u>Intended Use</u>	<u>Shipment Origins</u>	<u>Originally Collected</u>	<u>Culture Designation</u>
Adelpha alala	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations	
Adelpha basiloides	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations	
Adelpha boeotia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations	
Adelpha bredowii	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations	
Adelpha celerio	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations	
Adelpha celerio	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations	

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Carlos A. Blanco
Carlos Blanco


DATE

11/21/2018

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Adelpha celerio	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha cocala	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha cytheria	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha delinita	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha fessonia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha heraclea	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha iphiclus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha irmina	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha lara	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha leuceroidea	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha lycorias	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha melanthe	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha melona	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha naxia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha nea	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha pithys	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha plesaura	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha serpa	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations


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Adelpha sichaeus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha thesprotia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha thoasa	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha trinita	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Adelpha velia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Agraulis vanillae	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Basilarchia archippus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Basilarchia arthemis	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Basilarchia lorquini	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Basilarchia weidemeyerii	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Danaus affinis	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Danaus chrysippus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Danaus cleophile	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Danaus eresimus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Danaus erippus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Danaus genutia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Danaus gilippus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Danaus limniace	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations


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Danaus melanippus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Danaus plexippus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Danaus sita	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dione	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dione glycera	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dione juno	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dione moneta	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dione vanillae	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dircenna chiriensis	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dircenna dero	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dircenna klugii	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dircenna relata	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dircenna relata	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dryadula phaetusa	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Dryas iulia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Eueides aliphera	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Eueides canes	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Eueides isabella	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations


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Eueides lampeto	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Eueides libitina	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Eueides lineata	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Eueides lybia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Eueides pavana	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Eueides procula	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Eueides tales	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Eueides vibilia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconidae	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius antiochus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius astraes	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius atthis	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius besckei	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius burneyi	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius charitonia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius charitonius	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius clysonymus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius congener	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations


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Heliconius cydno	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius demeter	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius doris	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius egeria	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius eleuchia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius elevatus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius erato	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius ethilla	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius hecale	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius hecalesia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius hecuba	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius hermathena	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius hermathena	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius heurippa	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius hewitsoni	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius hierax	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius himera	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius hortense	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations


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Heliconius isabella	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius ismenius	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius julia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius leucadia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius luciana	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius melpomene	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius metharme	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius nattereri	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius numata	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius pachinus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius pardalinus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius ricini	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius sapho	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius sara	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius telesiphe	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius timareta	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius wallacei	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Heliconius xanthocles	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations


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Ithomia diasia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Ithomia heraldica	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Ithomia leila	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Ithomia patilla	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Lycorea cleobaea	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Lycorea halia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Lycorea ilione	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Lycorea pasinuntia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Marpesia berania	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Marpesia chiron	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Marpesia coresia	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Marpesia eleuchea	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Marpesia iole	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Marpesia marcella	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Marpesia petreus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Morpho amathonte	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Morpho cypris	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Morpho helenor	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations

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Morpho peleides	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Morpho polyphemus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Morpho theseus	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Philaethria diatonica	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Philaethria dido	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Vanessa (Cynthia) cardui	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Vanessa annabella	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Vanessa atalanta	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations
Vanessa virginiensis	Adult, Egg, Larvae, Pupae	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Foreign and Domestic Locations

PERMIT GUIDANCE

- 1) This permit does not authorize movement or release into the environment of genetically engineered organisms produced with the regulated organisms described in this permit. Importation, interstate movement, and environmental release of genetically engineered plant pests require a different permit issued under regulations at 7 CFR part 340. Any unauthorized interstate movement or environmental release, including accidental release, of a regulated GE organism would be a violation of those regulations. Additional guidance and contact information for APHIS Biotechnology Regulatory Services, can be found at: <https://www.aphis.usda.gov/aphis/ourfocus/biotechnology>.
- 2) If an animal pathogen is identified in your shipment, to ensure appropriate safeguarding, please refer to http://www.aphis.usda.gov/import_export/animals/animal_import/animal_imports_an_products.shtml
- 3) If a human pathogen is identified, please refer to the CDC Etiologic Agent Import Permit Program at <http://www.cdc.gov/od/eaipp/>
- 4) This permit does not fulfill the requirements of other federal or state regulatory authorities. Please contact the appropriate agencies, such as the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention, the APHIS Veterinary Services unit, the APHIS Biotechnology Regulatory Services, or your State's Department of Agriculture to ensure proper permitting.
- 5) If you are considering renewal of this permit, an application should be submitted at least 90 days

Permit Number P526P-18-04195

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prior to the expiration date of this permit to ensure continued coverage. Permits requiring containment facilities may take a longer period of time to process.

PERMIT CONDITIONS

USDA-APHIS authorizes Prof. Adriana Briscoe, University of California Irvine, Department of Ecology and Evolutionary Biology, 321 Steinhaus Hall, Irvine, CA, to move the regulated pests listed above from the continental United States for laboratory and greenhouse research in the USDA-APHIS approved Facility Number 960 at the address above. All these conditions must be followed:

1. All packages for transport must minimally consist of both inner/primary and outer/secondary packages securely sealed so that both are effective barriers to escape or unauthorized dissemination of the listed regulated pests. The inner/primary package(s) will contain all regulated organisms and must be cushioned and sealed in such a way that it remains sealed during shock, impact, and pressure changes that may occur. The outer/secondary shipping container must be rigid and strong enough to withstand typical shipping conditions (dropping, stacking, impact from other freight, etc.) without opening.
2. This permit only covers the listed regulated pests. Work with plant diseases that these insects may transmit originating from outside of the destination state requires a separate permit.
3. Modifications to the containment facility 960, or any changes that affect the containment of the regulated pests must be approved by APHIS prior to making changes. Please contact the Pest Permit Staff (email: pest.permits@aphis.usda.gov; phone: 866-524-5421; address: 4700 River Rd., Unit 133, Riverdale, MD 20737; Fax: 301-734-8700).
4. This authorization is not valid for field research, or release into the environment.
5. Breeding putatively resistant or Bt-resistant species among themselves, or breeding putatively resistant or Bt-resistant species with Bt-susceptible strains may produce Bt-resistant insects and these (>F1) generations must follow all the above described conditions.

No greenhouse or field release is authorized with these Bt-resistant and putatively Bt-resistant regulated insects.

6. Regulated insects must be maintained under escape-proof conditions in the APHIS-approved Facility Number 960 area at the work address indicated on this permit. Regulated insects must be removed from this facility or other designated area only with prior authorization from APHIS. Only the evaluated area is authorized for containment. Other rooms require specific approval. Access to this area must be restricted to authorized personnel only.

The capacity of these insects to escape (dig, claw, push, fly, or chew through wood, plastics, or metals) must be considered in containment design.

Collection methods must be available to catch escaping insects.

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Carlos Blanco

DATE

11/21/2018

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All materials removed from caging must be thoroughly examined for the regulated pests listed above, and disposed of following the waste disposal condition.

7. **WASTE DISPOSAL:**

All the regulated pests listed above and all items coming in direct contact or exposed to these insects must be sterilized/sanitized/decontaminated prior to removal from the authorized containment facility. This includes all items from shipping, culturing, care, and maintenance of these regulated pests. This requirement includes but is not necessarily limited to: packaging directly exposed to the regulated materials/organisms, substrates (culture media, soil, plant materials (food materials or host plants)), leftover/unused/unneeded live cultures, and dead specimens/cultures unless specified otherwise in the permit.

All waste materials must be treated by one of the follow methods prior to disposal:
Use any of the following, either alone or in combination: 1) autoclaved, 2) or disposed of as medical /biohazard waste with bonded contracted company or, 3) or incinerated, 4) or frozen at minus 20 Celsius (minus 4 Fahrenheit) for 72 hours (Note: this is colder than a conventional refrigerator/freezer), 5) or immersed in Sodium Hypochlorite (6 percent household bleach) for at least 60 minutes, or 6) immersed in 70 percent alcohol for at least 30 minutes.


Treated waste as in 1) to 6), must be double bagged prior to disposal.

8. There is to be no further movement or distribution of the listed regulated pests within the United States and its territories unless the recipient holds, or is named as a responsible party on a valid PPQ526 permit for receipt of such insects.
9. All persons working with the listed regulated pests must be informed of these permit conditions. Anyone working with these materials/organisms must agree to and sign/initial these conditions before beginning work. These signed conditions do not need to be submitted to USDA/APHIS but must be readily accessible and made available to Federal and State regulators upon request.

Note: these conditions may be copied and stored electronically for electronic signature and initialing provided that the permit number, authorized materials/organisms and life stages, release locations if applicable, and authorization statement all appear on the document with the permit number. Signing these conditions only indicates that the person working under this permit has read them; the permit holder is the sole responsible party under this permit.

10. The permit holder must:

- maintain a valid PPQ526 permit so long as the regulated materials/organisms are alive or viable,
- not assign or transfer this permit to other persons without APHIS PPQ authorization,

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- maintain an official permanent work assignment, residence, or affiliation at the address on this permit,
- notify the Pest Permit Staff as soon as possible of any change in the permit holder's work assignment, residence, or affiliation,
- notify the Pest Permit Staff of the receipt of unauthorized and/or misdirected shipments of regulated materials/organisms,
- adequately mitigate environmental impacts resulting from unauthorized release of regulated materials/organisms and notify the Pest Permit staff immediately if one occurs,
- notify the Pest Permit Staff if the facility is damaged/destroyed or if you wish to decommission the facility,
- destroy all regulated materials/organisms prior to departure from the organization unless other arrangements are confirmed by the Pest Permit Staff.

Notifications to the Pest Permit Staff must be made via 866-524-5421 or pest.permits@aphis.usda.gov within one business day of the event triggering a notification.

11. • This permit is issued by the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS). It conveys APHIS regulations and requirements for the material(s) listed on this permit. It does not reduce or eliminate your legal duty and responsibility to comply with all other applicable Federal and State regulatory requirements.
- The permit number or a copy of the permit must accompany the shipment.
 - You must be an individual at least 18 years old, or legal entity such as partnership, corporation, association, or joint venture.
 - You are legally responsible for complying with all permit requirements and permit conditions.
 - If you violate any applicable laws associated with this permit, you may face substantial civil or criminal penalties. We may cancel all current permits and deny future permit applications.
 - Without prior notice and during reasonable hours, authorized Federal and State Regulators must be allowed to inspect the conditions associated with the regulated materials/organisms authorized under this permit.

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END OF PERMIT CONDITIONS

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